WRS2i - 2 Zone wireless receiver

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Ensure that this wireless receiver is installed 1 Metre from any metallic object, television, radio or wireless internet transmitter.

Prior to operation, it is neccessary to complete all sections described below.

Important: Keep this document

This 2 channel wireless receiver is designed to provide ON/OFF control for 2 zones. This receiver has 230Vac contacts.

Before commencing any work on the electrical connections, you must first disconnect the device from the mains. None of the 230V connections must be live until the installation has been completed and the housing is closed. Only qualified electricians or authorised service staff are permitted to open the terminal box.

Caution!
There are parts that carry mains voltage behind the cover.
The terminal box must not be left unsupervised when open.
(Prevent non specialists and especially children from gaining access to it.)

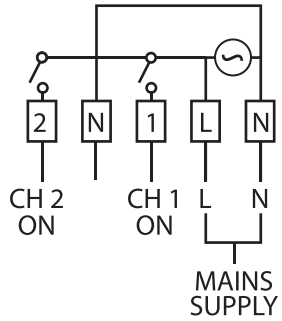
If the device is used in a way not specified by the manufacturer, it's safety might be impaired.

1.) Specifications & wiring

Power Supply: 230 Vac 50Hz
Contact Rating: 250 Vac 16(3)A
Ambient Temp: 0~50°C

Class II appliance ⧈
Pollution degree 2: Resistance to voltage surge 2500V; as per EN 60730

Internal wiring diagram for WRS2i



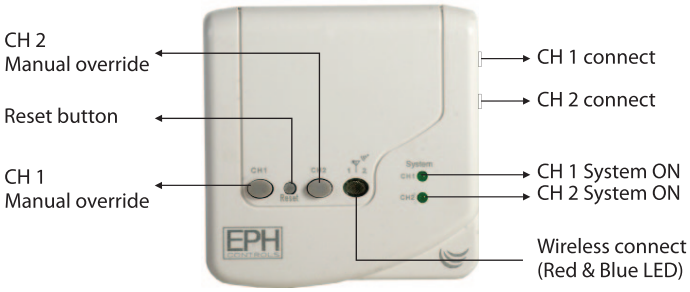
2.) Mounting

- The WRS2i receiver should be wall mounted in an area within 20 metres distance of the wireless thermostat.
- It is important that the receiver is mounted more than 1 metre away from metal objects as this will affect communication with the thermostat.
- The receiver should also be installed at least 1metre from any electronic devices such as radio, TV, microwave or wireless network adaptor.
- The unit can be fitted to: 1.) Recessed conduit boxes
  2.) Surface mounting boxes

3.) Installation

Slacken the fastening screw on the bottom of the receiver with a philips screwdriver.
The receiver is hinged and can be opened 180 degrees.
Mount the unit as described in section 2.
Wire the unit as described in section 1.
Close the receiver and tighten the fastening screw.

4.) Button / LED description



CH 1 Wireless connect: Once voltage has been applied this button may be pressed to initialise the pairing process with the wireless thermostat. Once pressed the Red LED will begin to flash.

CH 2 Wireless connect: Once voltage has been applied this button may be pressed to initialise the pairing process with the wireless thermostat. Once pressed the Blue LED will begin to flash.

CH 1 Manual override: This button will manually override Channel 1 of the system on start up or if the wireless thermostat has been disconnected.

CH 2 Manual override: This button will manually override Channel 2 of the system on start up or if the wireless thermostat has been disconnected.

Wireless connect indicator: This Red or Blue LED will flash on receiving wireless signals.

If the Red LED is constantly on there is no thermostat connected to Channel 1.
If the Blue LED is constantly on there is no thermostat connected to Channel 2.

5.) Resetting the WRS2i receiver

Press the ■ RESET button located on the front of the receiver.

6.) To connect the WRS2i receiver to a TRFi, TRFPi, CRFi or CRFi-230 wireless thermostat

The wireless connect LED will be constant Red & Blue once power has been applied.

Press the ■ ⏚ CH 1 Connect button on the WRS2i receiver.

The Red LED on the WRS2i will begin to flash.

Press the ■ ⏚ Connect button on the wireless thermostat.
The Red LED will turn off

The thermostat is now connected to Channel 1 of the WRS2i receiver.

Press the ■ ⏚ CH 2 Connect button on the WRS2i receiver.

The Blue LED on the WRS2i will begin to flash.

Press the ■ ⏚ Connect button on the wireless thermostat.
The Blue LED will turn off

The thermostat is now connected to Channel 2 of the WRS2i receiver.

7.) To disconnect the WRS2i receiver from a TRFi, TRFPi, CRFi or CRFi-230 wireless thermostat

On the wireless thermostat
Press the Set button for 5 seconds
dEL will appear on the display
Press the ■ RESET button
On the WRS2i receiver,
Press the reset button on the front of the WRS2i.
The wireless thermostat is now disconnected from the WRS2i

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